

20001217.qrp v02_n039.qrl.20001217

Date: Sun, 17 Dec 2000 19:03:12 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2039

QRP-L Digest 2039

Topics covered in this issue include:

- 1) [86497] Antenna: RPM Robust Portable Mast
by AC5JH@aol.com
- 2) [86498] Re: Antenna: RPM Robust Portable Mast
by Michael Bower <bowerm@ix.netcom.com>
- 3) [86499] Re: [86495] 40 meter QRP frequency...
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 4) [86500] Noise Generator vs. Tracking Generator
by "Tom K" <kkleiner@megsinet.net>
- 5) [86501] Re: Yaesu FT 817 info wanted
by Bob Nielsen <nielsen@oz.net>
- 6) [86502] OT: Re: thyristors?
by "David Castor" <dpcastor@home.com>
- 7) [86503] Re: QRP Kits/Keyer Kits
by "Jay Bromley" <w5jay@alltel.net>
- 8) [86504] RE: [86413] Re: Poorest Made Kit
by Nick Kennedy <nkennedy@tcainternet.com>
- 9) [86505] RE: thyristors?
by Nick Kennedy <nkennedy@tcainternet.com>
- 10) [86506] OT Re: Re: thyristors?
by "Goody" <k3ng@fast.net>
- 11) [86507] PSK-80 Warbler Question
by "Alyn Backe" <va6cw@look.ca>
- 12) [86508] The Forty Meter 'situation'
by William K Mabry <n4qa@juno.com>
- 13) [86509] Re: 40 Meters and QRM
by Dave Sjolín <sjolin@swbell.net>
- 14) [86510] Re: [INFO NEEDED] LEDS from Mouser and solder
by "Chuck Adams, K7Q0" <k7qo@primenet.com>
- 15) [86511] Snowshoe Run de K10J
by K10J <k10j@ditdit.com>
- 16) [86512] K0EVZ Snowshoe Run
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 17) [86513] Re: [INFO NEEDED] LEDS from Mouser and solder
by n2go@arrl.net
- 18) [86514] QRP+ Whacked by Static Discharge
by aweiss@usd.edu (Ade Weiss W0RSP)
- 19) [86515] RE: FOX & 40m Digital QRM

- by aweiss@usd.edu (Ade Weiss W0RSP)
- 20) [86516] Re: 40 Meters and QRM
by RangerSF5@aol.com
 - 21) [86517] Re: 40 Meters and QRM
by Dave Sjolín <sjolin@swbell.net>
 - 22) [86518] Re: QRP+ Whacked by Static Discharge
by "Randy Joiner" <biggman@accucomm.net>
 - 23) [86519] Radio Shack Allinco DX-70 Radio
by "Karl F. Larsen" <k5di@zianet.com>
 - 24) [86520] The Great Colorado Snowshoe Run
by "AB0CD" <ab0cd@uswest.net>
 - 25) [86521] 10 & 12M hot! and wireless headset question
by Jim Hale <kj5tf@yahoo.com>
 - 26) [86522] Re: [INFO NEEDED] LEDS from Mouser and solder
by "John J. McDonough" <wb8rcr@arrl.net>
 - 27) [86523] Re: QRP+ Whacked by Static Discharge
by Steve Yates - AA5TB <aa5tb@arrl.net>
 - 28) [86524] [INFO] LED'S SOURCE
by Charles K Brown <n4so@juno.com>
 - 29) [86525] Part needed: 3300pF Polystyrene cap
by John Wagner <john@neknetwork.com>
 - 30) [86526] Re: QRP+ Whacked by Static Discharge
by Ray Colbert <w5xe@juno.com>
 - 31) [86527] Re: Concentricity
by "pschweitzer" <pschweitzer@netzero.net>
 - 32) [86528] another Epiphyte 3 lives!
by Tim Pettibone <k5oi@zianet.com>
 - 33) [86529] A question about RFI
by igeq100@iupui.edu
 - 34) [86530] NEW Heil HMM microphone
by Randy & Cara Randall <crrandal@seidata.com>
 - 35) [86531] FS Yaesu top of line
by n2go@arrl.net
 - 36) [86532] Lil Wonder Antenna....different feeder..better performance
by WB9MII@aol.com
 - 37) [86533] Re: QRP+ Whacked by Static Discharge
by "George, W5YR" <w5yr@att.net>
 - 38) [86534] CQ Alex Berkuta (sri to all for bw)
by "Glen Torr" <glentorr@ozemail.com.au>
 - 39) [86535] Re: another Epiphyte 3 lives!
by "Tony Fishpool" <tony@g4wif.fsnet.co.uk>
 - 40) [86536] 40 meter QRP frequency...
by "Gary Lee Phillips" <ka9nzi@arrl.net>
 - 41) [86537] Apologies to the list members
by RangerSF5@aol.com
 - 42) [86538] OT: Antenna question
by Brian <brian@iquest.net>
 - 43) [86539] Golden Fox final log

- by "Bob Tellefsen" <n6wg@earthlink.net>
44) [86540] Re: QRP+ Whacked by Static Discharge
by "W7TRX" <w7trx@mindspring.com>
45) [86541] RAC Winter contest program
by Bruce Rattray <rattray@gpfn.sk.ca>
46) [86542] Re: A question about RFI
by Dave Fifield <fifield@pacbell.net>
47) [86543] N0BN/wy
by KB7WW Art Moe <kb7ww@chatusa.com>
48) [86544] Re: another Epiphyte 3 lives!
by "Tony Fishpool" <g4wif@btinternet.com>
49) [86545] Question about RFI
by igeq100@iupui.edu
50) [86546] This week at QRPacific...
by "K7FD K7Low" <cqdx@teleport.com>

Date: Sat, 16 Dec 2000 19:13:12 EST
From: AC5JH@aol.com
To: qrp-l@lehigh.edu
Subject: [86497] Antenna: RPM Robust Portable Mast
Message-ID: <c4.d426882.276d5f18@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Howdy,

Recently, while walking around Home Depot, I spotted a 24 foot extention pole for a paint roller. It's gotta be fairly strong to support a paint roller loaded with paint, so I took one off the rack and ran it out to its full 24 feet to take a look. Very positive locking devices (real positive if you tighten it too much) keep everything in place and it definately seemed like a candidate for a portable antenna mast. At \$38, I was a little reluctant to experiment with it, at that time. I will be travling over Christmas and hated to miss out on the FOX Hunting (mainly my Cajun Thunder team mate N5IB's turn as FOX). Not sure what kind of antenna environment I may run into in West Allis, WI, I decided to go back and get the paint pole. While I was at it, I got a 10 section on 1.25 inch pvc pipe, the price for both was just a little over \$40 dollers.

The pole is 8 feet over all, the bottom section is fiberglass and here are three aluminum sections that slide out and lock in place. The fiberglass bottom section slides perfectly into the 1.25 inch pvc pipe for a little extra length. As a side note, walking around the store with that 10 spear in my hand felt strangely powerful, maybe even primal is a better word. I guess thats another story.

Anyway, when I got home, I put together a resonant 40m dipole using 22g wire and RG58. This was attached to the handle of an old paint roller with the roller part removed. Thus, it screws right on the end of the mast and makes a very positive connection. This configures it as an inverted V and the angle is within the 110 to 90 degree range. The dipole wires secure it in two directions. The coax is attached to the pole for several feet and run over to the porch to form a third guy. A piece of line tied to a tree guys it in four directions and makes the thing sturdy enough to withstand some fairly strong Okla. wind that we have been having here lately.

The antenna worked DOC the other night when he was standing in for the Cub Fox with 1 watt and then Bob the other night in the FOX hunt with 5 watts. I have made several QSO's with it at one watt to see what kind of reports I would get and I like it. This post is about the mast as a portable support but I am happy with my portable antenna system in general. Using my ZM2, I have tuned it on 40, 20, 15 and 10 meters and although the tuning is a little sharp, it is acceptable (in my opinion) for portable work. Put a balun on it if you are so inclined.

The mast is a little long for backpacking but if you can carry in on the car top or truck to your Run To the Border, FYBO, Field Day or other portable site, I think it's a winner. It only takes a few minutes to put it up, it's sturdy and who knows, you may need to paint something 25 feet away someday.

Hope someone comes up with a few ideas for other antennas to go with the "RPM".

72 es Wishing everyone the Happiest of Holidays,

Tom Waits, AC5JH

For the record, I don't have any affiliation with Home Depot or Emtech.

Date: Sat, 16 Dec 2000 19:37:51 -0500
From: Michael Bower <bowerm@ix.netcom.com>
To: unlisted-recipients:; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [86498] Re: Antenna: RPM Robust Portable Mast
Message-ID: <3A3C0ADF.9643A152@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I believe this is the same mast that we used at Field Day this past June for the NoVaQRP group. Go to our webpage (www.novaqrp.org) and look at the first picture

on the field day pages. The mast on the left in the background. If you are real masochist for bad detail, the mast is also shown in the background of the top right picture on page two. As I recall, we put up a 40 M dipole at the top.

Michael N4NMR

AC5JH@aol.com wrote:

> Howdy,
>
> Recently, while walking around Home Depot, I spotted a 24 foot extention pole
> for a paint roller. It's gotta be fairly strong to support a paint roller
> loaded with paint, so I took one off the rack and ran it out to its full 24
> feet to take a look. Very positive locking devices (real positive if you
> tighten it too much) keep everything in place and it definately seemed like a
> candidate for a portable antenna mast. At \$38, I was a little reluctant to
> experiment with it, at that time. I will be travling over Christmas and hated
> to miss out on the FOX Hunting (mainly my Cajun Thunder team mate N5IB's turn
> as FOX). Not sure what kind of antenna environment I may run into in West
> Allis, WI, I decided to go back and get the paint pole. While I was at it, I
> got a 10 section on 1.25 inch pvc pipe, the price for both was just a little
> over \$40 dollers.
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> three aluminum sections that slide out and lock in place. The fiberglass
> bottom section slides perfectly into the 1.25 inch pvc pipe for a little
> extra length. As a side note, walking around the store with that 10 spear in
> my hand felt strangly powerful, maybe even primal is a better word. I guess
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> top or truck to your Run To the Border, FYBO, Field Day or other portable
> site, I think it's a winner. It only takes a few minutes to put it up, its
> strudy and who knows, you may need to paint something 25 feet away someday.
>
> Hope someone comes up with a few ideas for other antennas to go with the
> "RPM".
>
> 72 es Wishing everyone the Happiest of Holidays,
>
> Tom Waits, AC5JH
>
> For the record, I don't have any affiliation with Home Depot or Emtech.

--
73 de N4NMR
Michael Bower
Ashburn, VA (near Washington, D.C.)

Date: Sat, 16 Dec 2000 20:08:19 -0500 (EST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
To: res075cz@gte.net
Cc: qrp-l@lehigh.edu
Subject: [86499] Re: [86495] 40 meter QRP frequency...
Message-ID: <200012170108.UAA19761@panix2.panix.com>

It was a RTTY Contest, the OK DX Contest. I managed to work OK2FD on
40M last night, from CA with 100W and a vertical. Unfortunately, your
score is multiplied by the number of OK's you work, and that was my
only one, so my score was in the pits.
I heard several other EU stations on 40M, but they couldn't hear me.

I will repeat myself: In IARU regions 1 and 3, the RTTY band is around
7.040.

73, doug

Date: Sat, 16 Dec 2000 17:39:03 -0600
From: "James Parsons" <res075cz@gte.net>

Wow! Either there is an RTTY contest on, or the digital folks have developed

a love for 7040. There is RTTY on it and all around it. I know we CW operators are a dying breed, but we are dying too fast. Those folks will soon be down to the bottom of the band if they keep moving in that direction.

James (Jim) Parsons, K5ROV, CMSgt, USAF, Ret., Ham for 58 yrs.
k5rov@arrl.net, QCWA, ARCI, Fists, ARRL, ARMS.
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Sat, 16 Dec 2000 19:19:07 -0600
From: "Tom K" <kkleiner@megsinet.net>
To: <qrp-1@Lehigh.EDU>
Subject: [86500] Noise Generator vs. Tracking Generator
Message-ID: <200012170120.eBH1K8112951@mx6.mx.voyager.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

how about increased dynamic range.

Tom, N9HWC

Date: Sat, 16 Dec 2000 17:21:06 -0800
From: Bob Nielsen <nielsen@oz.net>
To: qrp-1@lehigh.edu
Subject: [86501] Re: Yaesu FT 817 info wanted
Message-ID: <20001216172106.A8659@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Fri, Dec 15, 2000 at 04:33:27PM -0500, Fred Lesnick wrote:
> Does anyone know and is able to tell me the current drain of this
> little rig on receive and transmit? The specs are very poor in regards
> to info, and emails to Yaesu have been fruitless.....Any info is
> welcome...

I haven't seen any specs on current drain, but the following was on the
amsat-bb list and gives some indication (although I can't tell if Yoshi

is merely speculating):

To: AMSAT-bb <amsat-bb@AMSAT.Org>
From: Yoshihiro Imaishi <imaishi@aa.mbn.or.jp>
Subject: [amsat-bb] FT-817 (Re:FT-847 scuttlebut)
Date: Mon, 11 Dec 2000 15:54:30 +0900

Hello. This is Yoshi.

At 2000/12/08 16:19:10 Frank Grossman wrote:

> The last time I checked, the FT-817 portable wasn't available yet. Have you
> gotten one or are you describing the sorts of things you plan to do when you
> get one.

>

> If you are, in fact, using an -817, perhaps you could tell us a little more
> about it. How is the battery life? Is the built in or portable antenna
> it's supposed to have any good? Did it work properly "out of the box?" Any
> design flaws?

I bought and using it.

Battery life - I am using 8 of 1,000mAh Size-AA NiCd rechargeable cells. For only receiving, It will work 3 or 4 hours. I did not use it for HF portable operation yet, but maybe it will work 1 or 1.5 hours of normal operation. Size-AA alkaline cells will work but little bit more. It will not enough so we should have some external 12V battery for regular portable use.

FT-817 has no buit-in whip. It has 2 antenna connectors switchable, a BNC at front and a M at rear. The portable antenna (including in a set) is designed for 6m, 2m and 70cm. I usually use my FT-817 with external big antennas so I do not no well about this small whip.

I have a web page that describe my FT-817, but sorry it all written in *Japanese*. Maybe some photos will help your thinking.

<http://plaza16.mbn.or.jp/~palau/ham-ft817.html>

Yoshihiro Imaishi JF6BCC/KH2GR
mailto:jf6bcc@jarl.com

--

Bob Nielsen, N7XY
Bainbridge Island, WA

nielsen@oz.net
<http://www.oz.net/~nielsen>

Date: Sat, 16 Dec 2000 17:26:30 -0800
From: "David Castor" <dpcastor@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [86502] OT: Re: thyristors?
Message-ID: <003101c067c8\$62ea0d40\$7aaf0c18@crvlls1.or.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If they are really being installed in an existing substation, I'd guess it was some form of static var compensation.

For ac lines, the power transfer capability is limited by the phase angle difference between the source and the load, as well as the thermal capacity of the conductors. Transmission lines are mostly inductive reactance, and most loads have inductive reactance (motors

The thyristors can be used as part of a system to inject current at a leading power factor back into the system to compensate for the inductance of the line. Basically a "smart" capacitor bank that senses the power factor and produces just the right amount of current to control the power factor. By improving the power factor of the line, more capacity is made available for real power and the overall transfer capacity of the line is increased (but not a huge amount).

Thyristors of that size are probably water-cooled, and they use them by the bushel-full in a system like this.

Basic problem in 6-land is that no new power generation capacity has been added in the past 10 years.

73,

Dave, K7EL
Corvallis, OR

----- Original Message -----

From: "Mighty Mik" <mightymik2@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, December 16, 2000 12:37 PM
Subject: OT: thyristors?

> If you've seen the news lately, you know all us 6 landers are having

> a power crisis. I saw a brief news item on TV the other night. It had
> a man holding up a shiny disk the size of a compact disk and he said
> it was a thyristor (sp) (in that size? wow) and he said that they
> were installed in a Santa Cruz substation, and he also said that it
> would help us here by allowing us to get power from farther away,
> like Washington State, and British Columbia, but he didn't say why,
> or where these things installed.
>
> anyone here know how these fit into the grand scheme of things?

Date: Sat, 16 Dec 2000 19:36:48 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <jamesd1@flash.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [86503] Re: QRP Kits/Keyer Kits
Message-ID: <00a201c067c9\$d3c89800\$279b66a6@w5jay>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Jim and Gang,
Jim thanks for the plug, but the VE3DNL Marker/Generator is on hold for the
moment. The Fort Smith QRP Group is making up one more run of P-TiCKS and
that's all the copper I care to see for a while :-)
To see more about the P-TiCK go to the Nor Cal web-page at
<http://fix.net/norcal.html>

Happy Holidays de w5jay..

> 1. The first kit you should get is the VE3DNL marker generator kit. This
is
> a very useful tool to do all kinds of trouble shooting. You can use it to
> get your first kit up and running. These are sold by the Ft.Smith QRP
group.
> Contact Jay, W5JAY to obtain this kit.
>
> Jay Bromley W5JAY
> 9505 Bryn Mawr Circle
> Fort Smith, AR 72908-9276
>
> It is \$10 plus \$2 for shipping. Tell Jay I sent you. You can put this kit
> together in a couple of hours. It is simple to trouble shoot. At the Iowa
> QRP forum 10 of us built these and all ten worked, 8 the first time, and 2
> after some screwups were fixed. Mine had a bad solder contact and the
other

> had a couple of components installed backwards. They are virtually bullet
> proof. It will be useful in all of your future radio building efforts.
>
> 2. The second kit is a Keyer kit. Doug suggested the TICK-4 from Embedded
> Research, but since then the Ft. Smith QRP group came out with a
paddle/TICK
> keyer kit for \$10 plus \$2 shipping. Jay sells these as well. The paddle is
> PC Board material but has good feel. The kit requires some mechanical
> dexterity. It will go together in an evening or two. If you get the TICK
> kit, you will need to build or buy a set of paddles. The PTICK has the
> paddles built in. Information on the TICK keyer from Embedded Research is
> at:
>
> <http://www.frontiernet.net/~embres/>
>
> There are also plans for simple paddles made from PC board material on the
> NORCAL page:
>
> <http://www.fix.net/~jparker/norcal.html>
>
> 3. The third kit Doug suggested is the EmTech ZM-2 antenna tuner. It is
> available for \$50 from EmTech:
>
> <http://emtech.steadynet.com/>
>
> It will tune all bands from 80 M to 10 M and handle a power of up to 15
> watts. You can use it with other rigs in the future. It can be built in an
> evening or 2 and is straight forward to put together. Some mechanical
> assembly is required and it introduces you to torroid winding. Use the
> toilet paper method. Since Doug first posted these tips last summer,
Norcal
> has come out with a tuner kit as well, the BLT. It is a Z-Match and tunes
> reliably from 40 M to 20 M, and handles 10 W. It is only \$25 from NorCal:
>
> <http://www.fix.net/~jparker/norcal.html>
>
> 4. You are now ready for the rig. The SW+ series from Small Wonders
> Laboratories is a good place to start:
>
> <http://www.smallwonderlabs.com/>
>
> This is a single band rig and available in any band for 80 M to 20 M. It
was
> the subject of an Elmer project on QRP-L a couple of years ago. Those
posts
> were assembled in a magazine by NorCal and subsequently reprinted by
> Quicksilver Press in Socorro NM. The reprint is \$10. Many of the original
> Elmer Notes are on the web at:

>
> <http://engphys.mcmaster.ca/~elmer101>
>
> Glen, VE3DNL, does a wonderful job of explaining the rig.
>
> The rig is \$55 with the enclosure and controls for \$35 extra. Shipping is
> \$5. If you build this rig, read and study the Elmer material you will
learn
> a lot of electronics and building skills. At 2.5 W out it is not a power
> house, but has plenty of power to make many QSOs without strain. If I
recall
> correctly, the beginners who put this rig together for the Elmer project
> spent about 10 to 15 hours on it. Dave provides good support for his rigs
> and I would guess 300 or 400 people on this list have built the rig so
there
> is plenty of help available here. Just post your questions.
>
> Since Doug first posted this list, MFJ has come out with the CUB. This is
a
> single band rig available in bands from 80 M to 15 M. The PCB is already
> mostly assembled, so assembly consists of installing/wiring the controls
and
> putting it in a case. These have a reputation for drift, but they settle
> down after 15 to 30 min. They cost about \$90, but ARCI has had group buys
in
> the past and may in the future. You won't learn as much assembling this
rig
> as the SW+, but it is easier and goes together quicker.
>
> What band to pick?? That is a matter of some controversy, but I suggest
30M.
> This has been hashed over many times here before so I won't go into it
> again, but I am sure someone will respond to this by suggesting 40 M and
> another 20 M instead.
>
> 5. An antenna. I suggest an inverted Vee, resonant and fed with good
quality
> 8X coax. This is good for one band only, but will give good performance
with
> a minimum of fuss. Install it as high as you can. An alternate is a 44 ft
> dipole fed with balanced feeders, also installed as high as possible.
Either
> of these antennas will run you \$25 to \$30. Either a ladder grabber or
coax
> grabber from Entech make good center insulators. If you are moving into an
> apartment you have a whole other set of problems, which is the subject of
a
> whole other post.

>
> You will need a set of headphones, a log book, and some QSL cards at this
> point.
>
> This whole set of kits will set you back about \$200 and the accessories
can
> be used on other rigs in the future. A beginner can go through the set of
> kits with good chances of success. You will learn lots of electronics in
> process. There is lots of help here on the list, on the web, in
> publications, and through local hams.
>
> Doug has been having a good time going around the country pitching his
> complete ham station for \$100. It includes the SMK-1 rig, a BLT tuner, the
> Ft Smith Keyer, and a Norcal Doubtlet. This is a viable rig, but I think
the
> SW+ rig is in a whole other class, will out perform the SMK-1, and be
easier
> to use. Doug has had a ball giving these \$100 stations away to several
young
> kids who promise to put them together and make a contact with them. I
don't
> know whose grin is bigger, Doug's or the recipient's.
>
> I should probably point out that Ft. Smith and NorCal use some of the
funds
> generated by the sale of these kits to fund QRP forums. Both Ft. Smith and
> NorCal have paid my way to these forums, so I guess I do have some
interest
> in promoting their kits. I would do so even if I did not benefit. I have
no
> pecuniary connection with SWL, EmTech, or QuickSilver.
>
> Let us know what you finally do. Keep us posted on your progress. Lots of
us
> want to know how it turns out. - Dr. Megacycle KK6MC/5
> --
> James R. Duffey KK6MC/5
> 30 Casa Loma Road
> Cedar Crest, NM 87008
>

Date: Sat, 16 Dec 2000 19:50:46 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [86504] RE: [86413] Re: Poorest Made Kit
Message-ID: <01C06799.7C4F4180.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I would like to nominate myself and my buddy Gene, WA5IZR (now WI7N) for the poorest kit building award. Back when we were about 14 and 15 and he was just getting his novice license (1963 or so), we built him a heathkit GR-91 receiver together. We *never* did get it to work. It lit up and made a few weird noises, that's about it.

Gene still has it in his garage. I guess he figures one of these days he's going to get it going.

72--Nick, WA5BDU

-----Original Message-----

From: Brian Kassel [SMTP:bkassel@dancris.com]

"Karl F. Larsen" wrote:

> I also have a Tick 1 keyer
> which has no memory and the paddle is made of printed circuit board. I did
> such a terrible job of making the paddle, I'm going to enter it into the
> Fort Tuttle (Flagstaff) QRP contest for poorest made kit.
>

Karl, is there such an award? If so, I'm certain I can win (e.g., my BLT) :-;

Date: Sat, 16 Dec 2000 19:55:55 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'mightymik2@home.com'" <mightymik2@home.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [86505] RE: thyristors?
Message-ID: <01C0679A.34215C80.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I thought a thyristor described a family of devices including SCRs and

triacs. I'm thinkin' maybe it has something to do with DC transmission lines. There are a few big ones out west--one runs from Utah to California. It's a million volts DC. It takes some big honkin' semiconductors to change the generated AC to DC and then change it back at the utilization end.

BTW--is Canada 60 Hz or 50?

72--Nick, WA5BDU

-----Original Message-----

From: Mighty Mik [SMTP:mightymik2@home.com]
Sent: Saturday, December 16, 2000 2:37 PM
To: Low Power Amateur Radio Discussion
Subject: OT: thyristors?

If you've seen the news lately, you know all us 6 landers are having a power crisis. I saw a brief news item on TV the other night. It had a man holding up a shiny disk the size of a compact disk and he said it was a thyristor (sp) (in that size? wow) and he said that they were installed in a Santa Cruz substation, and he also said that it would help us here by allowing us to get power from farther away, like Washington State, and British Columbia, but he didn't say why, or where these things installed.

anyone here know how these fit into the grand scheme of things?

Date: Sat, 16 Dec 2000 21:54:13 -0500
From: "Goody" <k3ng@fast.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [86506] OT Re: Re: thyristors?
Message-ID: <013101c067d4\$a4917e20\$0269a8c0@pohopoco>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Basic problem in 6-land is that no new power generation capacity has been
> added in the past 10 years.

There's not enough water either....The problem with 6 land is that there's too many people.

:)

72
Goody
K3NG

Date: Sat, 16 Dec 2000 20:07:28 -0700
From: "Alyn Backe" <va6cw@look.ca>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [86507] PSK-80 Warbler Question
Message-ID: <000f01c067d6\$7e930340\$06f7aecc@laptop>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hello to all.

I've been having a lot of fun with my PSK-80 'Warbler' over the past few weeks and i've made many contacts with it and my state/province total keeps growing.

Unfortunately from my home location i suffer from power line noise every winter once the weather starts to turn cold. Well, the wx has turned for the worse and my dreaded power line noise is back for the winter.

The Warbler has performed very well, but most evenings now the noise level is so high that i can only print the very strong stations. The noise blanker circuits in my Kenwood and Elecraft equipment can totally eliminate this QRN.

I'm wondering if anyone with a Warbler has done any experimenting with adding a noise blanker to the PSK-80? Does anyone now of a simple noise blanker circuit that could be added to the Warbler to eliminate the man made electrical interference such as i'm experiencing here?

Thanks for any help.
72/73, AL, VA6CW...
Red Deer, Alberta

Date: Sat, 16 Dec 2000 22:20:43 -0800
From: William K Mabry <n4qa@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [86508] The Forty Meter 'situation'
Message-ID: <20001216.222515.-80377.4.n4qa@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi, gang.

While I'm sittin' around, waitin' fer my newest toys to arrive...
DSW-30, DSW-20, Warbler and ANOTHER MSS, model EX...Love that
rig...thought I'd put in my two cents' worth about this subject.
First, I must admit that I haven't read the very latest info as regards
freq/mode allocations for USA amateur radio operators.
However, according to my ARRL logbook in which is printed this
information as it stood on 20 Dec 1994, CW, which may be used on ANY
amateur frequency, has legally shared 7000 to 7150 kHz with 'RTTY' and
'data' in this country for many years . So, it shouldn't be too
surprising to hear (see?) USA stations using such legal modes anywhere in
that segment of the band, 'gentlemen's agreement' or no. And, of course,
there is the presence of these signals emanating from other countries
within Region 2 as well as from countries within regions 1 and 3. But,
then, I can't speak for our fellow hams who live and/or operate in those
countries.

While I have used the 'digital' or 'data' modes for a couple of decades,
I consider myself a 'CW man' (for 35 short years) and, as such, I can
identify with persons who sometimes express anxiety over that which is
'occurring' on many of our bands but particularly on our beloved(?) 40
meters, especially since I cut my ham teeth there.
But I am not one who fears that CW will be eliminated as a valid form of
communications. Sure, the REQUIREMENT has been reduced, but the ART FORM
that is CW will be around for a good long time.
Anyway, we should all move on and participate in those modes that
interest us, individually and collectively. We just need to make room for
one another and to try to maintain a healthy respect for all of our
fellow hams.
Stepping down from my soapbox now :)

Hope to see y'all on PSK31 real soon with a 'real' rig, the Warbler from
NN1G and the folks at NJQRP.
Plus, I am frequently found operating the Sig Shifter and the DSW's :)

73-1,
Bill, N4QA

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Date: Sat, 16 Dec 2000 21:47:31 -0600
From: Dave Sjolin <sjolin@swbell.net>
To: RangerSF5@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [86509] Re: 40 Meters and QRM
Message-ID: <3A3C3753.BA37956F@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

RangerSF5@aol.com wrote:

>
> As far as the digital stuff,
> I was surprised at the amount of hams that think it's OK and also feel that
> CW has to move along with the times.
> Heck ham radio IS CW.
> Well, the digital OP's have all the same rights but 20 dB over S-9 and
> covering more then 20KC??

Unless you can decode the digital signal that you say is 20 db over S-9 and is covering more than 20 khz, what makes you think its a ham? It's more likely a military or government generated signal. And if it bothers you so bad, why dont you call the FCC monitoring station and do something about it besides blaming on your fellow hams?

As far as 7040 being your private garden, get over it. Some weekends ssb will encroach on it, other times it will be digital, and sometimes like Thanksgiving weekend it will be a cw dx contest wiping out the entire 40 meter band. Use a little ingenuity, try another band or mode or turn the radio off and do something else.

Cheer up Bob.

73 de Dave, N0IT

Date: Sun, 17 Dec 2000 04:13:06 +0000
From: "Chuck Adams, K7Q0" <k7qo@primenet.com>
To: "John J. McDonough" <wb8rcr@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [86510] Re: [INFO NEEDED] LEDS from Mouser and solder
Message-ID: <5.0.2.1.0.20001217040929.00a0c7f0@pop.primenet.com>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:23 PM 12/15/00 -0500, John J. McDonough wrote:

>Chuck
>
>Not sure what you are asking here ...
>
>> Do these LEDs indeed have the highest output in the visible as
>> indicated in the specs? Inquiring minds want to know. I'm sure
>> at least one in the group has used them for something or another.
>
>If you mean are there brighter LEDs, absolutely. These aren't even in the
>'very' bright neighborhood. 80 mcd typical is certainly brighter than the
>grab-bag LEDs from Radio Shack. I have some 10,000 mcd T 1-3/4's ... hurts
>to look at them puppies.
>
>Or were you asking is the 635nm emission the highest spectral line in the
>emission of these particular LEDs? I don't know the answer to that one, but
>I would suspect it is.
>
>72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
>didileydadidah QRP-L #1446 Code Warriors #35

1. I am looking for LEDs with high output (20mA or more current requirements is not a bother) at the three wavelengths listed. The green is nice as it has the shortest wavelength of the three listed. 10,000 mcd IS very bright and I'd like the source of same and pricing. My question had to do with the 150 mcd output as the max for the specs for the model numbers given.

2. I had no question on the wavelengths as the numbers posted are the peak output wavelength for the diode or the color of the diode.

Thanks,

Chuck Adams, K7QO
Prescott, AZ k7qo@primenet.com

Date: Sat, 16 Dec 2000 22:19:46 -0600

From: K10J <k10j@ditdit.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [86511] Snowshoe Run de K10J
Message-ID: <003001c067e0\$972cba40\$0b01a8c0@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Well,
That was painful! First off, a vertical antenna was not the right choice.
Too much noise tonight. Second, the band flat out died for about 45 minutes.
I tuned down the band and only heard 2 other stations, both QRO. Where was
everyone? Only 25 Qs, 12 SPCs, 7 Members, but thanks W0CQC for calling.
My lean results: 69pt x 12spc x 7mem + 100bonus = 5896 total.
Time for some Tylenol...

ditdit
OJ---K10J

Reply to:
k10j@ditdit.com
k5oj@ditdit.com
www.ditdit.com

Date: Sat, 16 Dec 2000 23:22:08 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [86512] K0EVZ Snowshoe Run
Message-ID: <200012162322_MC2-BED7-868B@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

Thanks to one and all who dropped by during tonight's Snowshoe Run. Look=
s
like 28 in the log. I used the SST-40 and gotta say it, it was a
challenge. Kept wanting to grab for the controls :-). =

The inevitable buzzsaw came on during the last 40 minutes of the hunt, making it very tough. Thanks for VA6RF who hung in there until we got the QS0.

72,
--Doc0K0EVZ

Date: Sat, 16 Dec 2000 23:38:47 -0500 (EST)
From: n2go@arrl.net
To: "Chuck Adams, K7Q0" <k7qo@primenet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [86513] Re: [INFO NEEDED] LEDS from Mouser and solder
Message-ID: <Pine.LNX.4.21.0012162336180.327-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

5,600mcd White \$2.95
10,000mcd green LED @ \$2.95
20,800mcd bluish green @ \$2.95

bgmicro

73,

Jim n2go

Date: Sun, 17 Dec 2000 07:58:21 GMT
From: aweiss@usd.edu (Ade Weiss WORSP)
To: qrp-1@lehigh.edu
Subject: [86514] QRP+ Whacked by Static Discharge
Message-ID: <200012170557.XAA15583@sunburst.usd.edu>

Hi gang:

We've had a blizzard blowing thru here that built up during the night, and by morning, my G5RV feeders were drawing 3/8" sparks pretty rapidly.

Alas, never expected this, so the QRP+ was still hooked to the antenna via tuner.

End result: at least the final is gone, and probably something in the front-end which has lost a considerable amount of gain. The SBL-1 is still mixing as incoming sigs can be copied, but a lot of birdies as well.

I presume that I'll just have to replace the IRF510 in the final amp.

Has anyone had to fix the damage from static discharge in the rcvr section front-end? If so, I'd like a "quick-fix" via your experience instead of trouble-shooting from scratch.

Please reply to me directly -- no sense in wasting bandwidth on the list.

Thanks.

72, Ade

Date: Sun, 17 Dec 2000 08:18:19 GMT
From: aweiss@usd.edu (Ade Weiss WORSP)
To: qrp-l@lehigh.edu
Subject: [86515] RE: FOX & 40m Digital QRM
Message-ID: <200012170617.AAA21185@sunburst.usd.edu>

Hi gang:

The last couple of FOXES have been stuffed and mounted here because of the broadband digital stuff that pops up around 7040 +/- a lot. I've noticed that the band is clear above 7043/44 when the noise is on. Someone identified the probable nature of the stuff a while back -- it doesn't make any difference what it is.

My suggestion is that the FOX check his own frequency (when running split and listening up) every so often to see whether he's being trounced by the digital stuff. I've noticed that the high end of the pack is always copiable here. So, if the FOX checks and hears the digital stuff, it might be a good idea for him to QSY up to 7043-44 and resume calling. Part of the FOX HUNT idea is finding the FOX, which means the FOX can be sneaky and move around.

Skip has been wierd as usual for the time of night in winter -- i.e., I can hear hear N6WG sliding up and down s2-s7 and working stns but I can't hear the stns he's working. And then all of sudden, a whole bunch of stns pop out of the noise. It's the ionosphere shifting to nocturnal position and changing the angle of the "mirror" so to speak.

72, Ade

Date: Sun, 17 Dec 2000 01:24:34 EST
From: RangerSF5@aol.com
To: sjolin@swbell.net, qrp-1@lehigh.edu
Subject: [86516] Re: 40 Meters and QRM
Message-ID: <d9.dcc5fde.276db622@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 12/16/00 10:49:28 PM Eastern Standard Time,
sjolin@swbell.net writes:

<<
> As far as the digital stuff,
> I was surprised at the amount of hams that think it's OK and also feel that
> CW has to move along with the times.
> Heck ham radio IS CW.
> Well, the digital OP's have all the same rights but 20 dB over S-9 and
> covering more then 20KC??

Unless you can decode the digital signal that you say is 20 db over S-9
and is covering more than 20 khz, what makes you think its a ham? It's
more likely a military or government generated signal. And if it bothers >>
Better learn to read.

I never said that hams were doing it.

I said that some hams seem to think it's OK.

You sound like you don't know CW.

If you care to carry this topic on then keep `it off the list.

CHEER UP

CW IS HERE TO STAY:)))

Bob

WA2HOQrp <tm>

Date: Sun, 17 Dec 2000 01:15:48 -0600
From: Dave Sjolin <sjolin@swbell.net>
To: RangerSF5@aol.com
Cc: qrp-1@lehigh.edu
Subject: [86517] Re: 40 Meters and QRM
Message-ID: <3A3C6824.60466232@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

RangerSF5@aol.com wrote:

- > Better learn to read.
- > I never said that hams were doing it.
- > I said that some hams seem to think it's OK.

Make you a deal Bob. As soon as you learn to write clearly, I will pay more attention to what you write.

- > You sound like you don't know CW.

And what would suggest that? I operate CW 90% or more of the time and have done so for over forty years. I can copy 35-40 wpm. I love cw but when there is a contest on that Im not interested in, I qsy to another frequency or mode. I've worked most DXCC countries on both ssb and cw. I've worked all states in as little as 48 hours, I have operated via several of the satellites. Im interested in weak signal VHF and especially enjoy working stations via aurora borealis (cw of course). I like to operate in contests (ssb, cw, and rtty). I build although not as much as fifteen years ago. I operate all bands 160 thru 432 running anywhere from 1 watt to 1 KW. My interests are varied so when something irritates me on 7040, I dont let it fester, I move on.

73 de Dave, N0IT

Date: Sun, 17 Dec 2000 02:50:24 -0500
From: "Randy Joiner" <biggman@accucomm.net>
To: <qrp-1@Lehigh.EDU>
Subject: [86518] Re: QRP+ Whacked by Static Discharge
Message-ID: <001701c067fe\$07747280\$c3819bce@accucomm.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Whoa there Ade! Now replies to your request won't be a wasting no bandwidth at all. Heck I want to read them myself. Just because it hasn't happened to me yet doesn't mean it won't. Of course I don't 'spect to be getting any of your kinda weather down here in south Georgia, but we do have lots of free electricity floating around in the air from time to time. Besides we need that kind of material in the archives.

So my request is, Guys please do respond to the list. Thanks! :-)......and good luck to you Ade.

72

Randy N4SX

Date: Sun, 17 Dec 2000 05:56:50 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [86519] Radio Shack Allinco DX-70 Radio
Message-ID: <Pine.LNX.4.10.10012170547280.800-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

A friend bought this HF+6meters radio and it drew lots of power but made no rf. Took it back and got another that works fine. It comes set up with a high and low power of 10 or 100 watts nominal. There is a pot inside that can be set to 5 or 50 watts.

The bandpass filters are about as defined in the book. A bit wide for ssb but a real nice 400 cycle cw filter is provided. It is a small radio about like the Kenwood ts-50. General coverage receiver and transmit limited to ham bands. It has selectable tuning rates and plenty of memory channels. A and B vfo's and the usual split and A=B.

I hear that right after christmas the radio will sell in the \$500 area making it a real good deal!

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 17 Dec 2000 07:26:01 -0700
From: "AB0CD" <ab0cd@uswest.net>
To: "cqclist" <CQCLIST@EGROUPS.COM>, " QRP-L" <qrp-l@Lehigh.edu>
Subject: [86520] The Great Colorado Snowshoe Run
Message-ID: <005301c06835\$47cac3c0\$ba85a0d8@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all who got on the air and wrestled with 40m during The Great

Colorado Snowshoe Run.

At times I wondered if my Gap had fallen off the fence.

Managed to log some of the diehards -- K5ZTY, K10J, N0ROA, K0FRP -- and a few others.

Big thanks to Larry, N2WW, and Marshall, N1FN, for operating W0CQC.

72 Dick AB0CD..

Date: Sun, 17 Dec 2000 06:32:21 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [86521] 10 & 12M hot! and wireless headset question
Message-ID: <20001217143221.26854.qmail@web703.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Solar condx are helpfull today. Just worked ER2000A
(Moldovia) with 700mW on 24.898.

Thats a new one for me...

Yesterday in the OK RTTY test I worked all the Europe
stns with 700mW, and had little problems on 10/15M. No
rare DX, but fun for a few hours.

Another digital mode MFSK16 is lots of fun... not much
activity, but worked an ON stn a few days ago with my
standard 700mW.

I have a off topic question I need help with. My wife
and I like internet phone calls (free), but she hates
computers. Is there a wireless device so she can use
the internet phone, and not have to sit in front of
the computer? I heard abt someone who had a regular
telephone plugged into his soundcard mic & speaker, and
that worked.

Thanks Jim KJ5TF

=====

<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

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<http://shopping.yahoo.com/>

Date: Sun, 17 Dec 2000 09:45:25 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Chuck Adams, K7Q0" <k7qo@primenet.com>
Subject: [86522] Re: [INFO NEEDED] LEDS from Mouser and solder
Message-ID: <003701c06838\$011fea60\$010044c0@baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang

Chuck sent me a note last night, which I replied to, and copied me on this one, which made it clearer that he was interested in specific wavelengths. My filters sent both the direct and list copies to my QRP-L folder, which I didn't look at until this morning. Much of this duplicates my reply to Chuck last night (which I didn't copy to the list).

Liteon (I think) used to have a very nice bright (maybe 800-1000mcd) LED which was a real green (if I recall, 535nm), rather than the sickly yellow-green typical of LEDs. DigiKey quit carrying them, and for a while now, I've been looking for a replacement. Since I've been concentrating on green, mostly what I've found is green, and almost all the green LEDs out there seem to be 565nm. I (wrongly) assumed that there were relatively few compounds from which a LED could be made, and that most LEDs would be exactly the same color ... i.e. I expected all red LEDs would have the same wavelength.

After I read Chuck's post this morning, I went checking the wavelength of various LEDs I've tried, and that isn't the case. I made up the following little table comparing the Mouser LEDs that Chuck mentioned with others. I have only tried the white and blue-green from the 4 that BG Micro has (the other day I wrongly said I had a 10,000 mcd LED, it was the 20,800 one that

I actually have a few of, and it is bluer than the Liteon LEDs I originally tried to duplicate).

Supplier	P/N	Lambda	Io
Red			
Radio Shack	276-307	660	3000
Mouser	512-HLMP3750A	635	150
DigiKey	160-1104	ns	1500
Yellow			
Radio Shack	276-302	595	500
Mouser	512-HLMP3850A	585	150
Green			
Mouser	512-HLMP3950A	565	150
Radio Shack	276-304	565	630
B.G. Micro	LED1050	ns	10000
Blue Green			
B.G. Micro	LED1052	ns	20800
Blue			
DigiKey	P456	470	1500
Radio Shack	276-0311	430	300
B.G. Micro	LED1051	ns	3000
White			
B.G. Micro	LED1044	ns	5600

As you can see, in most cases the LEDs from Mouser are a different wavelength than those from other sources, except for green which, as I've said, seem to always be 565nm. The 'red' Mouser LED appears to be more of an orange, which may be close to the orange Radio Shack LED. Unfortunately, I didn't save the packaging for that one so I don't know the exact specs. One interesting quirk of the orange LEDs is that they appear quite red with less current, more yellow with more.

I didn't list all the prices, but most of the very bright ones are around \$3, some of the Radio Shack ones a little less.

As I may have mentioned before, the blue-green BG LED is extremely bright - it's really too bright for an indicator, although it's make a nice bright backlight to replace those incandescent lamps that burn out and you can't find! The bluish color (I'd guess it's around 500nm) does make it look a little more washed out than the 535nm LED I haven't been able to find anymore.

didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Chuck Adams, K7QO" <k7qo@primenet.com>

Subject: Re: [INFO NEEDED] LEDS from Mouser and solder

> 1. I am looking for LEDs with high output (20mA or more current requirements
> is not a bother) at the three wavelengths listed. The green is nice as it
> has the shortest wavelength of the three listed. 10,000 mcd IS very bright
> and I'd like the source of same and pricing. My question had to do with the
> 150 mcd output as the max for the specs for the model numbers given.

Date: Sun, 17 Dec 2000 08:52:25 -0600

From: Steve Yates - AA5TB <aa5tb@arrl.net>

To: aweiss@usd.edu, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [86523] Re: QRP+ Whacked by Static Discharge

Message-ID: <003101c06838\$f90fe680\$ed773ed8@aa5tb>

MIME-version: 1.0

Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

Hi Ade,

I went ahead and replied to the list since I think other folks will be interested in this subject. Without going to a commercial device such as an Alpha-Delta arrestor or something, a small NE-2 neon bulb across the front-end as worked for me. My MFJ-9020 has had its front-end blown out a couple of times due to antenna ESD and ever since I placed the NE-2 bulb across the front-end several years ago I haven't had any problems.

It may not protect all devices since the turn-on voltage is about 60V and this is near the damage threshold of many devices. But it will certainly take care of the 1000V spikes across feedline. I don't know what the response time either is but this trick has worked for me on many occasions.

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

aa5tb@arrl.net

<http://www.geocities.com/aa5tb>

Date: Sun, 17 Dec 2000 07:19:28 -0600
From: Charles K Brown <n4so@juno.com>
To: qrp-1@lehigh.edu
Subject: [86524] [INFO] LED'S SOURCE
Message-ID: <20001217.094902.3518.22.n4so@juno.com>

BG Micro telephone and Web address:

From: sigcom@juno.com
Date: Thu, 4 May 2000
Subject: BG Micro Tel. and Web address

1-800-276-2206

<http://www.bgmicro.com/>

They have an on-line catalog--

(ELECTRONIC GOLDMINE has blinding red and green
jumbo LED's / <http://www.goldmine-elec.com> 800-445-0697)

Ken Brown N4SO
Mobile, AL EM50tk
NorCal 20 at 5 watts
4 element mono. yagi
Elecraft K1 #260

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 17 Dec 2000 10:56:45 -0500
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [86525] Part needed: 3300pF Polystyrene cap
Message-ID: <3A3CE23D.485B9B9@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hello,

I'm still troubleshooting my K1, and in the process I managed to melt C5 on the RF board, which is a 3300pF poly cap. Since I need this part to continue working, I've cobbled together a combo of various caps to take it's place, but my jumble of parts stickes too far out the bottom of the radio.

Due to the mail being so slow this time of year, the last part Elecraft sent took 8 days to get here. If someone one the east coast (preferably Northeast) has the aforementioned part and could send it tomorrow I would be most appreciative. I will gladly pay for the part/postage/favor.

Please let me know via email today if you can help, otherwise I'll order it through Elecraft tomorrow.

Thanks!!!! 73,

John, KB1ENS

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Personal Web page: <http://www.together.net/~jwag>

Date: Sun, 17 Dec 2000 09:20:40 -0700

From: Ray Colbert <w5xe@juno.com>

To: aweiss@usd.edu

Subject: [86526] Re: QRP+ Whacked by Static Discharge

Message-ID: <3A3CE7D8.23831AFE@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Ade, shortly after I received mine, a dust devil passed thru and the sand static took out the receive and left a very low transmit out. As it was still under the warranty period, I sent it to Index and Stan Yrema was the tech that repaired it at that time. On the work sheet it shows the SBL-1 was defective, (was working but very low level) and Q9- 2n5179. So those two items may be the first to check out. Larry East had some similar problems with his and I think perhaps different parts - and a highly

recommended mod is the pair of 1n4148s across the
rf output to ground and a second pair in the opposite
direction - may prevent a second happening.

73 and good luck

Ray

--

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78 fp #111

NCT2 (also w5xe@juno.com El Paso, (FAR WEST) TEXAS

-----NetZero Free Internet Access and Email-----
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Date: Sun, 17 Dec 2000 10:41:17 -0600
From: "pschweitzer" <pschweitzer@netzero.net>
To: <wb4mnf@atl.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [86527] Re: Concentricity
Message-ID: <003201c06848\$2e517c00\$e84e0404@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

look in a calculus text book to get the best approximation

thinking about it makes my brain hurt

----- Original Message -----

From: Bob Duckworth <wb4mnf@atl.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, December 15, 2000 12:12 AM
Subject: Re: Concentricity

>
>
> -----
> | From: Tim Billingsley KD5CKP <kd5ckp@yahoo.com>
> | To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> | Subject: Concentricity
> | Date: Thursday, December 14, 2000 3:27 AM
> |


```

> | I am looking for a formula that will give me a final answer
> | in inches to the following problem:
> |
> | Well let me throw in a few variable names first:
> | Diameter of "Line1"
> | Diameter of "Line2"
> | Diameter of "Stud" <---<<< the center mounting hardware. Bolt, Screw,
> Axle,
> | Whatever ..
> | "Length" of lines 1 & 2 as they should be equal or close enough that it
> will
> | not be imperative.
> |
> | If I begin by winding lines 1 and 2 concentrically, in a continuous
> spiral
> | one line on top of the other, what formula would I use to determine the
> | overall diameter or radius of the finished product.
> |
>
> If I understand that you are winding with turns on inner layer adjacent,
> and wire on outer layer 'in the grooves'
> and wire on outer layer is same or smaller diameter than wire on inner
> layer.
>
> then a little Pythagorean Theorem will take care of you.
>
> Draw your windings in cross section and it will all become clear.
>
> As an exercise, What diameter of outer wire expressed as fraction of
> diameter of inner wire results in the same overall radius measurement
> whether taken from larger or smaller wire???
>
> -bob
>

```

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 NetZero provides FREE Internet Access and Email
<http://www.netzero.net/download/index.html>

Date: Sun, 17 Dec 2000 09:39:40 -0700
 From: Tim Pettibone <k5oi@zianet.com>
 To: qrp-1@lehigh.edu
 Subject: [86528] another Epiphyte 3 lives!
 Message-ID: <4.3.2.7.0.20001217093017.00a9bc70@zianet.com>
 Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang:

Finally got my Epiphyte 3 on the air last night. Checked into the Geratol net on 3768 khz and made a couple of contacts. Later, on the 3905 cc late net I worked AK, AL, AZ, NJ and WA using my low 40m dipole fed with 300 ohm line. I still think I'll work mostly CW but the Epiphyte 3 may tempt me to do more SSB. Thanks VE7QK and NorCal for the project. I'm sorry there aren't more to be had. Anybody have a list of mods, enhancements? The rig is still laying all over the workbench. Happy holidays to all.

Tim K5OI
Las Cruces, NM

p.s. Thanks to Dave, WA5DJJ, for helping with the Epiphyte 3.

Date: Sun, 17 Dec 2000 11:50:53 -0500 (EST)
From: igeq100@iupui.edu
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [86529] A question about RFI
Message-ID: <Pine.GS0.3.96.1001217114450.14746D-1000000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Gang -

First, I must confess that I went QRO (for me, that is - TT Scout at 50W). When I was having a QSO on 20 meters, our carbon monoxide detector went off. It is plugged into an outlet on an outside wall, and one of my vertical antenna radials runs right past it (within 3 feet, I would guess). Has anyone experienced stray RF setting off a CO detector?

It is upsetting to have your detector telling you that you are about to be asphyxiated. And it is also difficult to tell the XYL to ignore such a loud alarm. If it is an RFI problem, I suspect just moving the device to another outlet should do the trick. But I am wondering if anyone else has experienced this problem.

72/73,

Richard Meiss, WB9LPU

Date: Sun, 17 Dec 2000 12:21:30 -0500
From: Randy & Cara Randall <crrandal@seidata.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [86530] NEW Heil HMM microphone
Message-ID: <3A3CF61A.47A6FF5E@seidata.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What do you think about this one on the SGC SG-2020?

<http://www.heilsound.com/HMMnew.htm>

Here is a question. This mike has both the HC-4 and a dynamic element in it. There seems to be a need to mod the SG-2020 to get to to work with the HC-4 properly. You do not need to mod it to work with a dynamic mike. What do you do in this case? Is there a compromise?

Thanks,
Randy KB8AS0 in icy Milan, IN.

Date: Sun, 17 Dec 2000 13:01:08 -0500 (EST)
From: n2go@arrl.net
To: qrp-1@Lehigh.EDU
Subject: [86531] FS Yaesu top of line
Message-ID: <Pine.LNX.4.21.0012171250510.1159-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have for sale my Yaesu FT1000D in superb condition. It has the following
It has the latest version of firmware and appears to be latest rendition.

- operating manual
- shop manual
- hand microphone (unused in box)
- matching desk mike
- sp5 speaker with box

Psk31 interface that plugs in the Digital recorder jack on the back of the rig. It will work for any of the digital modes with proper software RTTY, SSTV, PSK31 etc. Includes two stereo 1/8" cords and RS 232 9 pin connector for your computer.

All original boxes , yaesu map and I'll even throw in a Yaesu hat :)
\$2500. It is heavy, not for the weak of back (over 50 pounds).... oh yeah,
it can be turned down to qrp :)

73,

Jim n2go

Date: Sun, 17 Dec 2000 13:28:54 EST
From: WB9MII@aol.com
To: qrp-1@lehigh.edu
Subject: [86532] Lil Wonder Antenna....different feeder..better performance
Message-ID: <97.eaa5c7c.276e5fe6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Howdy folks,
Just outa pure curiosity I took the single wire feedline off my Lil Wonder
antenna, replaced it with twinlead...and added a 16 ft "radial" onto the cold
side of the twinlead and just laid it on the floor. Haven't tried it on 40
yet but have been making many contatcs on 20 this AM under very bad
conditions. This is interesting & thought I'd pass it on,
many thanks 72
Greg WB9MII
QRP ARCI 9719

Date: Sun, 17 Dec 2000 00:29:57 -0600
From: "George, W5YR" <w5yr@att.net>
To: w5xe@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [86533] Re: QRP+ Whacked by Static Discharge
Message-ID: <3A3C5D65.4F8C22B@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just a note of caution: diodes connected as Ray suggests can be a source
of "mysterious" RFI at times.

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Ray Colbert wrote:

>
> Ade, shortly after I received mine, a dust devil
> passed thru and the sand static took out the receive
> and left a very low transmit out. As it was still
> under the warranty period, I sent it to Index and
> Stan Yrema was the tech that repaired it at that time.
> On the work sheet it shows the SBL-1 was defective,
> (was working but very low level) and Q9- 2n5179.
> So those two items may be the first to check out.
> Larry East had some similar problems with his and
> I think perhaps different parts - and a highly
> recommended mod is the pair of 1n4148s across the
> rf output to ground and a second pair in the opposite
> direction - may prevent a second happening.
> 73 and good luck
> Ray

Date: Mon, 18 Dec 2000 05:47:48 +1100
From: "Glen Torr" <glentorr@ozemail.com.au>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-l@Lehigh.EDU>
Subject: [86534] CQ Alex Berkuta (sri to all for bw)
Message-ID: <000e01c06859\$dd076000\$3b7354d2@com.au>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Alex,

Dont have access to either your wk or home email due to recent dramas, could
you give me a shout at glentorr@ozemail.com.au

Cheers

Glen

Date: Sun, 17 Dec 2000 18:50:06 -0000

From: "Tony Fishpool" <tony@g4wif.fsnet.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [86535] Re: another Epiphyte 3 lives!
Message-ID: <008d01c0685a\$8e003ee0\$f4d27ad5@p200>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I suppose it's a crime to convert the Epiphyte to CW, but that's what
Graham G3MFJ and I did (sorry Derry). The mods were actually for
the EP2, but should be just as valid for the EP3.
They were published in SPRAT last year, but if there is interest,
I could put them on the GQRP web site.

72/3

Tony - G4WIF

----- Original Message -----

From: "Tim Pettibone" <k5oi@zianet.com>

> Anybody have a list of mods, enhancements?

Date: Sun, 17 Dec 2000 12:54:43 -0600
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [86536] 40 meter QRP frequency...
Message-ID: <200012171854.NAA06498@mclean.mail.mindspring.net>

Yes, there was indeed a RTTY contest this weekend, a European
one. Remember that in other parts of the world, the 40 m. band
is much narrower than it is here. Their digital subband, such as it
is, falls right on top of 7.040. Not their fault, and they are doing
nothing wrong. Usually you won't hear them below 7.035, or you
can QSY to 30 m. where there is no contest going on of course.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Sun, 17 Dec 2000 14:07:35 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu

Subject: [86537] Apologies to the list members
Message-ID: <40.4fed1ac.276e68f7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 12/17/00 8:23:20 AM W. Europe Standard Time,
sjolin@swbell.net writes:

<<

Make you a deal Bob. As soon as you learn to write clearly, I will pay
more attention to what you write.

>>

Hi Gang,

I am offering my apologies to the list for this non ending topic on 40 meter
discussion that another person for some unknown reason does not want to drop
it.

I posted to the list for him to mail me direct if he wants to continue the
discussion.

Sooner or later the list moderator will jump in and I'm sure that I will be
the one targeted for keeping the topic going and be asked to put a stop to it.
Now the topic has turned to my writing abilities

My post has been twisted and now this person says that I called 7,040 MY
private garden

I did not.

He also said that I posted that hams are causing the 20 KC wide QRM.

I did NOT.

True,

I am not a professional writer.

However I am a former pilot, built and logged 600+ hours in my Gyrocopter,
professional skydiver (3,885 jumps) Modified my Phantom ultralight and did a
4 point vertical roll.and have also modified my hang glider to enable it to
do loops. Also I'm one of the few who are endorsed by the Military for
SAR(Search & Rescue.)

I trained the Canadian Special; OP's in LN and have been involved in SAR work
for many years.

I covered most of the State of Alaska on foot during my work there.

I lived in snow caves and made SAR jumps into areas where others refused.

I also have a refrigeration license and I'm qualified to work on chiller
units rated up to 250 tons.

Last March I weathered out a slow on going stroke on the floor of my
apartment because doctors from two different hospitals said I was just having
a bad panic attack.

So even there my past medical training has helped me.

I've made 14 jumps since and I will be making a night time jump with 19
others on JAN Midnight.

We hope to still be in free fall when the ball says the new year is official.

I will no longer post to the list but I ask the person who is the professional writer to come to my QTH and see if you can last 17 days in my little 140 acre training area.

Professional writing skills are NOT required so feel free to contact me

Bob

WA2HOQrp <tm>

Date: Sun, 17 Dec 2000 14:12:00 -0500
From: Brian <brian@iquest.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [86538] OT: Antenna question
Message-ID: <3A3D1000.7C755116@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang,

I've been discovering 15m and I'm having a lot of fun. I am working 15m with about 4w on my Ten Tec Scout with my attic dipole cut for 40m.

I was yaking with KB9VSZ, Kent, the other day and somehow decided I needed an attic loop for 15m. So I've done some reading up on loops, not that I know what I'm reading half the time, but I have this question for the antenna gurus....

If I build a attic loop, how much am I hurting myself by making it 1/2 wave instead of fullwave?

If I use cheap 300 ohm twin lead for feedline, do you think it'll work with my Scout and the Ten Tec antenna tuner I have (or ZM2 for that matter)?

Why attic? Because it's 4 Deg F right now with -33 d F windchill.

Also...could I put a 10m loop inside a 15m loop inside a 20m loop and feed them with the same feedline? Kinda like circles in circles. Like a fanned dipole, only with loops instead.

I'm no electrician, but this loop looks like a dead short. Which makes me go HUH?

72 es TNX in ADV

--

```
=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
  39.558 N   86.095 W   Johnson Co., Indiana
  GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
  Member of the American Radio Relay League - SOC #400
  FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====
```

Date: Sun, 17 Dec 2000 11:46:31 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [86539] Golden Fox final log
Message-ID: <001b01c06862\$0e68b240\$7e08b73f@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

No further inputs or corrections received,
so I'll post this as my final log.
Merry Christmas, everyone, and see you again
Thursday evening, March 8, 2001.
73, Bob N6WG
The Golden Fox

N5ET	0202	559	TX	BOB	5W
N1LN	0202	559	TX	BRUCE	5W
N5TW	0203	599	TX	TOM	5W
KE6JJJ	0205	599	CA	JEREMY	500MW
K0EVZ	0207	579	ND	DOC	2W
WE6W	0208	579	CA	ED	5W
NW7DX	0210	599	WA	BEN	2W
WA7SPY	0212	559	CA	GLENN	5W
K7FD	0212	559	OR	JOHN	5W
K0MP	0213	559	CO	BILL	5W
NQ7X	0214	559	AZ	FLOYD	5W
KB7WW	0215	599	OR	ART	5W
K0FRP	0216	579	CO	AL	5W
K5DI	0217	559	NM	KARL	5W
K5LN	0220	559	TX	BILL	5W
N4ROA	0221	579	VA	DAN	4W
NK7M	0222	599	AZ	BOB	5W
K6VNX	0223	559	CA	ARLEN	5W
KI0II	0224	549	CO	RON	5W
K7RE	0225	559	AZ	BRIAN	5W

W5SB	0226	559	TX	BILL	5W
VE6JAZ	0227	559	AB	ROB	5W
AC5JH	0229	559	OK	TOM	5W
N0UR	0230	559	MN	JIM	5W
VA6RF	0231	559	AB	EARL	5W
KK5LD	0233	559	TX	DAN	5W
NK6A	0234	599	CA	DON	5W
K10J	0235	559	TX	OJ	5W
W0CH	0237	559	MO	DAVE	5W
AA7EQ	0238	559	AZ	BOB	5W
K0QD	0239	559	CO	HUGH	5W
KK7GG	0240	559	OR	MIKE	5W
N0DSP	0242	559	CO	TOM	5W
N2WW	0244	559	CO	LARRY	5W
N1FN	0245	559	CO	ET	5W
K5DW	0245	559	TX	DON	5W
W5HNS	0246	569	TX	HENRY	5W
AB0CD	0248	559	CO	DICK	5W
WA7TQK	0249	579	ID	BILL	5W
K4BB	0252	569	KY	KEN	5W
KB7LJP	0254	559	OR	JAMES	5W
W9XT	0256	559	WI	GARY	5W
K5JS	0257	559	LA	JOHN	2W
N4SO	0258	599	AL	KEN	5W
AF4PS	3300	559	FL	MAC	5W
W5USJ	0302	559	TX	CHUCK	3W
N5GLQ	0303	559	LA	MIKE	5W
KC1FB	0306	559	CT	JIM	5W
K5AAR	0310	559	OK	DON	5W
N5IW	0311	559	TX	DAVE	5W
W2XN	0312	539	FL	FRED	5W
W5YR	0313	559	TX	GEO	5W
NY3M	0314	559	MD	BILL	5W
K8DD	0317	549	MI	HANK	5W
K4FB	0318	539	FL	PAUL	5W
W0RSP	0319	569	SD	ADE	4W
W8PIG	0320	569	FL	MAC	4W
W0PWE	0321	559	IA	JERRY	5W
N0AR	0322	559	MN	SCOTT	4W
W4NJK	0325	559	CA	CHARLIE	5W
N5JI	0327	559	TX	RICH	5W
K9IUA	0328	339	ND	KEVIN	5W
K0PC	0330	559	MN	PAT	5W
W0JOE	0335	559	MO	JOE	5W
K5ZTY	0338	559	TX	BILL	5W
N0EHW	0339	559	MO	TIM	5W
N5ZE	0340	559	TX	LEW	5W
NM5M	0341	559	TX	ERIC	5W

K5JHP	0344	559	TX	BILL	5W	
KQ5U	0346	559	TX	TERRY	5W	
NK9G	0347	559	WI	RICK	5W	
WS4S	0348	559	TN	CONARD	5W	
N9AW	0352	559	WI	JERRY	5W	
W9XU	0354	559	WI	ROD	5W	
AF4LQ	0357	549	KY	MIKE	5W	
N6WG		599	CA	BOB	5W	Fox's point

Date: Sun, 17 Dec 2000 12:06:44 -0800
 From: "W7TRX" <w7trx@mindspring.com>
 To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
 Subject: [86540] Re: QRP+ Whacked by Static Discharge
 Message-ID: <00a801c06866\$4f9399c0\$ed2579a5@fkxug>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

For mobile or base use, I highly recommend the coaxial impulse (static/lightning) suppressors by I.C.E. They are small, light weight, and built like a tank. It bleeds static full time and will protect you from near field lightning strikes. Sometimes even a direct hit (they claim). These can be had with BNC, SO239 and N connectors. I even had them make me up a custom one with F connectors.

Before ICE, I popped the Front end on 4 short-wave radios due to static. Post ICE, no damage. I now have these on all 4 of my amateur base antennas. I may even put them on my mobile radios when the time comes. With proper grounding, they could easily be used with a portable setup.

There are so few things I buy anymore that do exactly what they are designed to do. This is one of them. Cable Experts carries the complete line of ICE products. sign me an extremely satisfied customer.

73, Tracy
 W7TRX

----- Original Message -----
 From: Randy Joiner <biggman@accucomm.net>
 To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
 Sent: Saturday, December 16, 2000 11:50 PM
 Subject: Re: QRP+ Whacked by Static Discharge

> Whoa there Ade! Now replies to your request won't be a wasting no
bandwidth
> at all. Heck I want to read them myself. Just because it hasn't happened
> to me yet doesn't mean it won't. Of course I don't 'spect to be getting
any
> of your kinda weather down here in south Georgia, but we do have lots of
> free electricity floating around in the air from time to time. Besides we
> need that kind of material in the archives.
>
> So my request is, Guys please do respond to the list. Thanks!
:-).....and
> good luck to you Ade.
>
> 72
>
> Randy N4SX
>
>

Date: Sun, 17 Dec 2000 14:16:53 -0600 (CST)
From: Bruce Ratray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [86541] RAC Winter contest program
Message-ID: <Pine.LNX.3.95.1001217140541.7018A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

OK folks the new version "H" of the Canaday logging software has just been
sent to Ken Pulfer, VE3PU, and he will put it in place of version "G" for
the Winter contest at the end of this month....there are 3 files that you
can download separate or all together in a zip file...

the main program called "Canaday.exe"
the after-the-contest- program called "Can-sort.exe"
and there is a Manual.

...it's all freeware so those of you who would like to have a go at it
please do so BEFORE the contest....I can be available for questions at
"rattray@gpfn.sk.ca"....I might not be on for the entire contest but I
will be on mainly to use the software and have a good time of course!...hi
hi hi...

you can download everything from: <http://www.rac.ca/qcanday.htm>

...PS...several members of QRP-Canada are working on a scenario to enhance the fun in the Winter contest for QRP ops...this is not a RAC thing but it will operate "within" the RAC Winter contest just for qrp operators....I will be making the announcement at the beginning of this week...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

Date: Sun, 17 Dec 2000 12:09:04 -0800
From: Dave Fifield <fifield@pacbell.net>
To: igeq100@iupui.edu, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [86542] Re: A question about RFI
Message-ID: <002101c06865\$350b6a20\$0600a8c0@earthlink.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Richard - I experienced this at my new house - I moved the CO detector to a different outlet (only about 15 feet away) and it hasn't done it since.

72, Dave Fifield, AD6A

> Has anyone experienced stray RF setting off a CO detector?
> Richard Meiss, WB9LPU

Date: Sun, 17 Dec 2000 12:30:47 -0800
From: KB7WW Art Moe <kb7ww@chatusa.com>
To: qrp <qrp-l@lehigh.edu>
Subject: [86543] N0BN/wy
Message-ID: <3A3D2277.1972EB42@chatusa.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On now 14.054 + 4-5-9 in Oregon calling CQ.

Art
KB7WW

Date: Sun, 17 Dec 2000 21:39:55 -0000
From: "Tony Fishpool" <g4wif@btinternet.com>
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [86544] Re: another Epiphyte 3 lives!
Message-ID: <000f01c06872\$31c79de0\$5229073e@p200>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Epiphyte mods from the pages of SPRAT are now in the "technical"
pages GQRP club website at www.gqrp.com

Kind regards
Tony - G4WIF

Date: Sun, 17 Dec 2000 17:11:05 -0500 (EST)
From: igeq100@iupui.edu
To: QRP List <qrp-1@Lehigh.EDU>
Subject: [86545] Question about RFI
Message-ID: <Pine.GS0.3.96.1001217170930.6266B-1000000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang -

Many thanks to all who replied to my question. I will try all of
the solutions in order of increasing complexity.

72,
Rich, WB9LPU

Date: Sun, 17 Dec 2000 15:06:56 -0800
From: "K7FD K7Low" <cqdx@teleport.com>
To: "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [86546] This week at QRPacific...
Message-ID: <004901c0687e\$0e012d20\$6e231ad8@N7SG>
MIME-Version: 1.0
Content-Type: text/plain;

charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Our website has some very interesting pictures and links this week,
especially a nice cw project from Bill WA7TQK and a link to Dave W0CH's
recently revamped website!

...not to mention Glenn WA7SPY's 'stacked array' of qrp gear!

At this time, we would like to wish everyone a joyous holiday season
wherever you may be...and all the best in the coming new year!

Stop by and say hello...
<http://www.teleport.com/~cqdx/qrpclub.htm>

73 John K7FD

QRPacific is always looking for new members, on the the Oregon Coast or
around the world. 'Admission' is free...a very good price indeed!
Drop us an email if you'd like to join...

End of QRP-L Digest 2039

